



CVE-2021-3578

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2021-3578
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-02-16 19:15:00 UTC
Updated	2023-11-07 03:38:00 UTC
Description	A flaw was found in mbsync before v1.3.6 and v1.4.2, where an unchecked pointer cast allows a malicious or compromised

Risk And Classification

Problem Types: CWE-704

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Application	Isync Project	Isync	All	All	All	All
Application	Isync Project	Isync	1.4.0	All	All	All
Application	Isync Project	Isync	1.4.1	All	All	All
Application	Mbsync Project	Mysync	All	All	All	All
Application	Mbsync Project	Mysync	1.4.0	All	All	All
Application	Mbsync Project	Mysync	1.4.1	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Application	Redhat	Openshift Container Platform	4.7	All	All	All
Application	Redhat	Virtualization	4.0	All	All	All
Application	Redhat	Virtualization Host	4.0	All	All	All

References

Reference	Source
isync: Multiple Vulnerabilities (GLSA 202208-15) — Gentoo security	GENTOO

1961710 – (CVE-2021-3560) CVE-2021-3560 polkit: local privilege escalation using polkit_system_bus_name_get_creds_sync()	MISC
oss-security - CVE-2021-3578: possible remote code execution in isync/mbsync	MISC
[SECURITY] Fedora 34 Update: isync-1.4.2-1.fc34 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 33 Update: isync-1.4.2-1.fc33 - package-announce - Fedora Mailing-Lists	
1967397 – (CVE-2021-3578) CVE-2021-3578 isync: unchecked pointer cast may lead to remote code execution	MISC
oss-security - CVE-2021-3578: possible remote code execution in isync/mbsync	MLIST
[SECURITY] Fedora 34 Update: isync-1.4.2-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] [DLA 3066-1] isync security update	MLIST
[SECURITY] Fedora 33 Update: isync-1.4.2-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA
Privilege escalation with polkit: How to get root on Linux with a seven-year-old bug The GitHub Blog	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [179389](#) Debian Security Update for isync
- [180384](#) Debian Security Update for isync (DLA 3066-1)
- [281646](#) Fedora Security Update for isync (FEDORA-2021-f236f9f01a)
- [281647](#) Fedora Security Update for isync (FEDORA-2021-754af4d52b)
- [501870](#) Alpine Linux Security Update for isync
- [710592](#) Gentoo Linux isync Multiple Vulnerabilities (GLSA 202208-15)
- [751009](#) OpenSUSE Security Update for isync (openSUSE-SU-2021:1170-1)

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